Field trip Central ny. 1939 May 18. Left Warding ton 7:00 AM., abriced Milyeans, Motor Court at 5:30 P.M. after unevent ful trip. May 19 - Section along Omerda Greek Opinion of Richardon new Ecotland Iland had it is sholy Coeymans, a reefflank bad. Jop 6" of Seneca limes tone contains Chonestroplia? in abundance. The rock is dock and suggesto transition to The Union Springg. Oliver stated That a bentomite occurs at the base of the Lanes a Kung Your at Oneida Breek and in sand plans at Union Spines. He showed That The interval between benformet and Cherry Valley is 34' at Union Springs and Onerday Creek, The Huckness valley but the Senera decreases in Phickness as The Union againg 5 shale increases in The section, but always maintaining The combined Thickness of 34. He believes Therefore That The Severa and Union Springs are equivalent and coeral. The invaliable Hirelines of The distance from Bentonite to Chiling Valley is collecting cherry valley for House,

1940 May 20 - Went to Pecksport to see Parlsaport, Them to there Woods for Salabille Trong here to east of Blical Burny morth of Monizoelle, Oftenoon webit to selftim of Delphi Station east of Pompey Center on US 20. Lake afternoon went to see Pempen on Electric Figlit & tream. Butterput exposed above falls with many Murrospineper, and large attrifferen. may 21. Went to see Butternut on hill 1/2 miles 5 of Madigon, Sow This quant of Kingsley Brook for Chenango and baste of Luclementle, On afternoon Disifeel Cologate Comput for Chenango Sands tohe Went to Red Edge Stock Farm Zmir N of gardelle for your Change Stone mill and lower Fudlow test Went to Stone will knowle for Stone mill. May 22 - Want to Cold Spring Brutste for Portland Point of I Windows Fluer Surgena to Upprovide for Windows and Alley, afternoon to Window Quarty east of Lebanen Center. Went (to see-leget onon to see Jully + Bleveseo in Warner Eller Joined by Sartenaer. May 23. Went over to Centeline talla on Lully D. at base of section was possible up rompey, followed by sparsely formily butternet

1941 The common about 20 feet of bedo about of in Lair lymathus Atupes congreate of Comod The was followed by Polgate so, The Alue shale wet to be viewed to. Jenning in a legent of fellowed by 7 of goral, altimely all of Alles belongs in The Contragal Bad rance in affermen. May 24 - Bud rawny day, West to ske Charry in Mkocketurel marchen of Aprendage, hent to Jones Orhany I mule east of Jully then Ho new words stock for Goral bed. Here creeke har Been dermed & led covered. may 25- mullan Creek for July all morning, West Brech 5 of Sherburne In afferrem. Then Myrmiles Sof Columbus for eastern July, Pauf Eartenaer formed excellent Apportuguing in calearena lenses. Beds for mearly 100' obver The west Brooks for ail bed are Thin sandy stibles suggestive of General at West Burk Jather Trans Sherburne as we called Them May 26 - Spent morning at Story Creeks seeing New Tholower + Lafencens afferron at Honglitaling 5 Elen dud flem one mile WE of Leman

1942 May 27 - Severa to exposed on tull of big bend of US 20 about 2 mi. NE of Cheling Valley on old Johnson read 1/2" Nud old Believy Walley Jumpile Court 6 of solid hearing but Invaluely bedded criticalallo. Belleville at basel about 6" Theele. Hee low land and quite unlike The Samea at Oneida Falls. Many silicified atrypa. Checky valley on US 20 just east of 30 or 40 Tissile shale with Styliolina Clutheningo 3 Solif massive la, pitter, small 36-9" hackly Is with tillobrites, Pentamenella fine atype
5" Union Spring with concretions
containing Wernerocenas.

1943 Section on US 20 1-2 miles Clittenango with Styliolana 61 Cherry Walley 251 Umon Springs Seneca de 0'69 nediors Onordaga Edgraliff Carlisle Center = Buff nolsony liny

1944 Leile mile 40 1/2 mile to Vogo of enperatore to see Mccheel Stufiel locality. Found no stuffieler, Bedagegroto be high in the Shaneater. Un affermera some Portland Point in Himmon Hallow, Experie bearde the read at benefuler reaclarence stream. Went opposite dans at Portlandelle Here new wedwork leas made frug fresh expensed but collecting in poor Storm-rollan bed in lover James well exposed. May 28 - moved over to Colfeshiel formight went to Summit to see Withing bed and July, Vitulana 153 above road intersection with quarry roud or about 2313: to Will Brooks to see pebble hed. This way 229 above werel & old wall intersection Went to West Consulle and Collected Dhipilothynis.

0 0 1945 May 29 - Went I mile Sof Westerlo Thelp to Webber Poridge & Story Holler on Ny 23 a. Went upl Hallo and then to met manion. May 30 - Knegston to Stoney Hallow then up Strong Hollers in Repart,
Hurley Stoffel at Part Jewis to
collect Vitulina on Hopey
hill Nu of city. Saw coral del Tilly at june Fire 1964 99. Kere ander celt has been made which well be excellent in a few years. Whole cent seems to be Jully may 31 - Left Strondsburg 7:45 and arrived Walshing You 2 Phy. Mileage on arrivathone 32434